

Multi Pellets CUBE 3D Printer



Innovative FGF printing for custom foot orthotics

The VXC3DP Multi Pellets Printer is at the forefront of orthotic production with its state-of-the-art Fused Granulate Fabrication (FGF) technology. This printer is designed for both standalone use and modular scalability, allowing for increased production without sacrificing workspace efficiency.



Save money



No dust



Reduced
carbon footprint



Quiet



Multi colour



Multi material



Multi hardness



Multi zones



Multi patterns



High quality



Integrated with
your Voxelcare
System

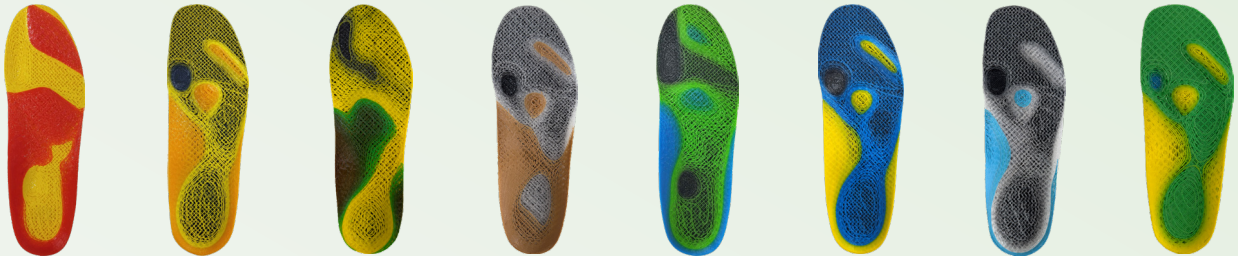


Time-lapse
camera

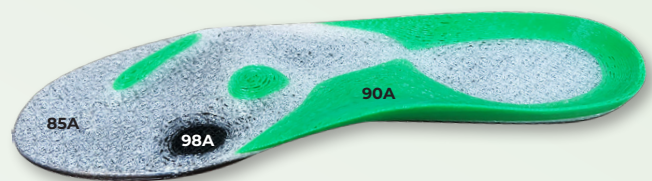
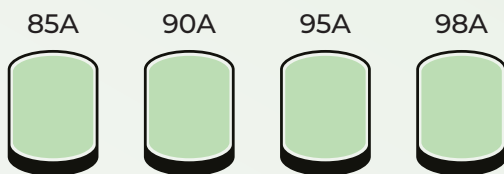
Next level insole configuration

The unique 4-cartridge technology with pellet printing allows our customers to create custom foot orthotics with a level of detail not possible before. The 4 cartridge positions mean different material types, material hardness and/or colours can be used in combination with the Voxelcare CAD design and slicing software. We use layers, modules or zones to create custom combinations for your patients. The end result means products tailored to any prescription requirement, all in a single printing process!

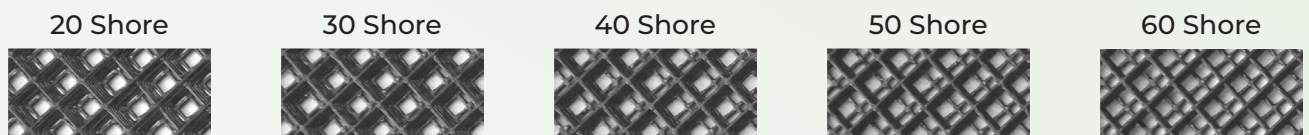
- **Multi Colour:**



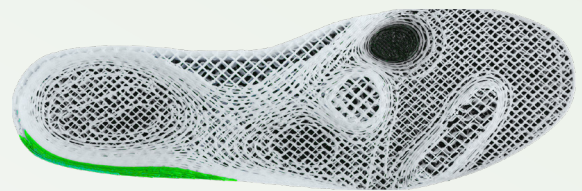
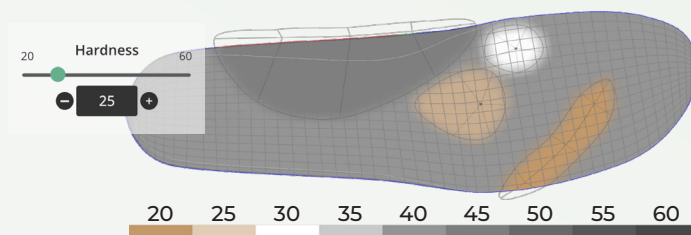
- **Multi Material:**



- **Multi Hardness:**

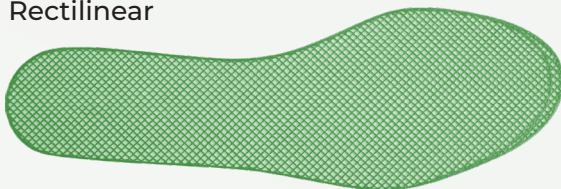


- **Multi Zone:**

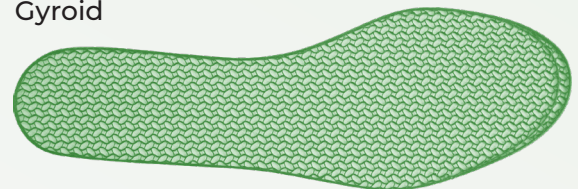


- **Multi Pattern:**

Rectilinear



Gyroid



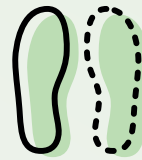
Intuitive and smart

- Automated Self-Diagnostics: Ensures reliable performance and minimises downtime.
- User-Friendly Interface: Simplifies the printing process, no prior expertise needed.
- Space-Efficient Design: Maximizes production in minimal space, ideal for any setting.
- Pellet Monitoring System: Maintains high-quality output with automatic regulation.



Tailored fabrication

- Variable Densities: Customizable for specific areas and heights, catering to unique orthotic needs.
- Durable and Compact: A robust build that fits seamlessly into professional environments.
- Effortless Maintenance: Designed for easy upkeep, facilitating continuous operation.



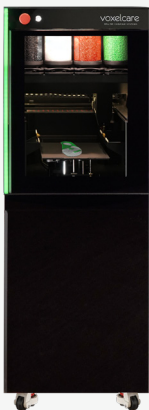
Print Capability
Each CUBE prints
1 insole in around
1 hour



Eco-Friendly
Sustainability with
recyclable printing
pellets

Modular packages

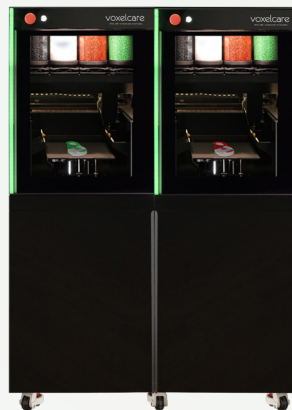
Single CUBE,
Unit A



Double CUBE,
Unit B



Double CUBE,
Unit C

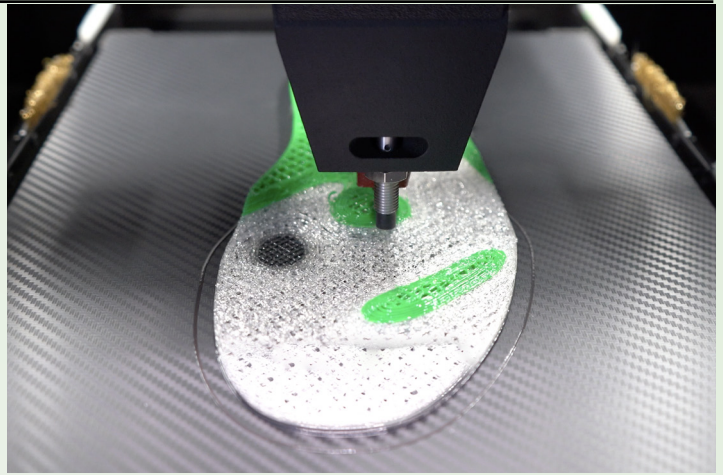


Quad CUBE,
Unit D

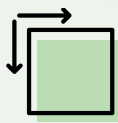


Seamless production integration

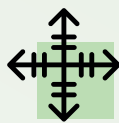
Whether you're expanding your current Voxelcare system or establishing a new production line, the VXC3DP integrates smoothly with Voxelcare's online platform, making the transition from design to production effortless.



Technical specs



Dimensions
535 x 630 x 690 mm



Working area
350 x 250 x 60 mm
(per printer)



Weight
55 kg



Material
TPU pellets



Print head
0.6 mm



Accuracy
0.1 mm



Printing time
1 insole per hour
(per printer)



OS required
Windows 10 OS or
a later version



Power supply
200 - 250 V AC
single phase

Innovative materials

Our proprietary TPU pellets deliver the best printing results in combination with our printing hardware and software. Available in various colours and hardness options of **85A, 90A, 95A** and **98A** for maximum customisation possibilities.



Black



Anthracite



Blue



Green



Red



Natural

